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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/500,887

07/07/2004

Josef Battig

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21839

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08/16/2006

BUCHANAN, INGERSOLL & ROONEY PC
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EXAMINER

STERLING, AMY JO

ART UNIT

PAPER NUMBER

3632

DATE MAILED: 08/16/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/500,887	BATTIG, JOSEF	
	Examiner	Art Unit	
	Amy J. Sterling	3632	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 03 July 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-14 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 03 July 2006 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

This is the **Final Office Action** for application number 10/500,887 Securing Device for a Turbocharger, filed on 7/7/04. Claims 1-14 are pending. This **Final Office Action** is in response to applicant's reply dated 7/3/06. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Applicant's amendment necessitated any new ground(s) of rejection presented in this Office action.

Claim Rejections - 35 USC § 102

Claims 1, 2, 4-9 and 14 are rejected under 35 U.S.C. 102(b) as being anticipated by United States Patent No. 3891345 to Doolin.

The patent to Doolin discloses a securing device for securing a turbocharger having a turbocharger casing (12, 16) secured to a base, having a first (26) and a second foot (28) which can be fixed in the base, it being possible for the two feet to be connected to the turbocharger casing at an axial distance from one another, and the second foot having a casing connection region (34), which can be connected to the turbocharger casing (14) and is designed in the form of at least a partial circle arc of at least 90°, and a base connection region (44, 46) which is at an axial distance from the casing connection region (34) and the base connection region is on the opposite side of the casing connection region from the first foot and can be connected to the base (19) via a securing means (54) that are openings with play, a sliding shoe and a securing

element (52) that secures in such a manner that the second foot can be displaced with respect to the base at least axially in the region of a defined path.

Doolin also teaches an axial strut arrangement (32, 40, 42), which connects the two connection regions to one another and includes an angle α in the range from 0° to 60° with the base (19) that wherein the casing connection region (34) has an axial stop (hole in 34) which is in the form of a circle arc and can be connected in a positively locking manner in the axial direction to the turbocharger casing (12, 14) and a side strut arrangement (48, 50) which engage on the circle-arc shaped casing connection region (34) on both sides of the longitudinal axis of the turbocharger and extend as far as the base (44, 46), forming a support, wherein the casing connection region, the base connection region and the side strut arrangements are shaped like a plate, wherein the axial strut arrangement (32, 40, 42) is designed in such a way that it is in each case laterally connected to the respective side strut arrangement over its entire axial length. Doolin also teaches that the axial strut has a shell shape, the cross section of which is a partial circle and the cross section of the base is approximately a straight line.

Claim Rejections - 35 USC § 103

Claim 3 is rejected under 35 U.S.C. 103(a) as being unpatentable over United States Patent No. 3891345 to Doolin as applied to claim 1 above, and in view of United States Patent No. 6244819 to Voorhees.

Doolin discloses applicant's basic inventive concept, all the elements which are shown above and including teaching wherein the turbocharger casing has a connecting

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flange (14) the external radius of which corresponds to the radius of the partial circle of the casing connection region (34) so that the connecting flange and the casing connection region engage in one another in a positively locking manner and wherein the casing connection region and the turbocharger casing are fixed with respect to one another by means of a fixing element (36).

Doolin does not show wherein the fixing element are fixing elements which are distributed uniformly over the partial circle arc.

Voorhees teaches a support assembly for a turbocharger which has a partial circle arc casing connection region (18) with a multiple of uniformly distributed fixing elements (60) distributed over the partial circle arc, the extra fixing elements used in order to further secure the device to the casing. Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made from the teachings of Voorhees to have used multiple fixing elements and to have distributed them evenly over the arc, in order to have the desired elements securely fastened to one another.

Claims 10-13 are rejected under 35 U.S.C. 103(a) as being unpatentable over United States Patent No. 3891345 to Doolin as applied to claim 1 above.

Doolin teaches the basic concept and teachings the amount of casings as recited by the claims above.

Doolin also teaches a compressor casing (18) and a turbine casing (12) and a bearing casing (16) and a gas inlet casing (14) and a gas outlet casing (10) and wherein

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the second foot is arranged at a distance from the first foot in a direction of the gas inlet casing and the first foot is a bearing foot and is connected to a bearing casing and arranged between the turbine casing the compressor casing and is connected to the gas outlet casing on the turbine side by way of a connecting element which axially fixes the gas outlet casing and connected to a saddle (30) on the compressor side which is supported in a sliding manner.

Doolin does not teach that the specific components which is housed in each casing except the bearing casing (16), but it would be obvious to house whichever component is desired within each casing, the crux of the invention being the first and second foot, not the turbine and the compressor itself.


Response to Arguments

The applicant has argued that Doolin does not disclose an axial stop that is in the form of a circle arc. This is unpersuasive in that curved flange member 34 contains a curved arc stop (hole in curved flange), the hole having a circle arc. This applicant erroneously points out that the bolt is the stop, but this has not been recited by the examiner. The applicant also argues that the connecting flange of the present application can be secured to the second foot in any desired position or rotated angle, but these are limitations that are not claimed.

Conclusion

THIS ACTION IS MADE FINAL. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action. Any inquiry concerning this communication should be directed to Amy J. Sterling at telephone number 571-272-6823. The fax machine number for the Technology center is 571-273-8300 (formal amendments) or 571-273-6823 (informal communications only). Any inquiry of a general nature or relating to the status of this application should be directed to the Technology Center receptionist at 571-272-3600.


Amy J. Sterling
Primary Examiner
8/12/06